

REQUEST FOR ACCESS OF ABANDONED APPLICATIONS UNDER 37 CFR 1.14(a)

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In re Application of	
Application Number	Filed
239978	9 May 94
Group Art Unit	Examiner

Paper No. #14

Assistant Commissioner for Patents
Washington, DC 20231

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

(A) referred to in United States Patent Number 5829782, column _____.

(B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. _____, filed _____, on page _____ of paper number _____.

(C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____, or

(D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

Forest C. Hendley
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H/K

United States Patent [19]

Breed et al.

[11] Patent Number: 5,829,782

[45] Date of Patent: Nov. 3, 1998

[54] VEHICLE INTERIOR IDENTIFICATION AND MONITORING SYSTEM

[75] Inventors: David S. Breed, Boonton Township, N.J.; Wendell C. Johnson, Topanga, Calif.; Wilbur E. Duvall, Kimberling, Mo.

[73] Assignee: Automotive Technologies International, Inc., Boonton Township, N.J.

[21] Appl. No.: 640,068

[22] Filed: Apr. 30, 1996

Related U.S. Application Data

[63] Continuation of Ser. No. 239,978, May 9, 1994, abandoned, which is a continuation-in-part of Ser. No. 40,978, Mar. 31, 1993, abandoned.

[51] Int. Cl. 6 B60R 21/32

[52] U.S. Cl. 280/735; 180/272; 342/72; 701/45; 701/49

[58] Field of Search 280/735, 734; 180/272; 342/72, 70; 701/45, 49

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[57] ABSTRACT

This invention is a system to identify and monitor contents and/or parts of the passenger compartment of a motor vehicle, such as an automobile or truck, by processing the signal received from the contents or parts using one or more techniques, including neural networks or other pattern recognition systems, and technologies including ultrasonic and electromagnetic radiation. The received signal may be a reflection of a transmitted signal, the reflection of some natural signal within the vehicle, or may be some signal emitted naturally by the object. Information obtained by the identification and monitoring system is then used to affect the operation of some other system in the vehicle such as the airbag, entertainment system, heating and air conditioning system, or the system to darken portions of the mirrors or windshield, among others.

25 Claims, 22 Drawing Sheets

